

CLAIMS

1 1. For a wireless communication system including base station
2 transceivers to communicate with at least one mobile station, the base station
3 transceivers communicating with a network controller, a method comprising
4 the steps of:

5 controlling, in a base station transceiver, a header for a packet frame to
6 be communicated between the base station transceiver and the network
7 controller wherein a portion of the header identifies the frame as one
8 containing no data package; and

9 transmitting the frame to the network controller with the constructed
10 header.

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1 2. The method according to claim 1 wherein data bits of a header field
2 contain a predetermined bit pattern for a frame including no data package.

1 3. The method according to claim 1 wherein information received by the
2 base station from the mobile station are dropped, and the header information
3 is replaced with the specified bit pattern, if a decoding metric passes a
4 threshold.

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1 4. The method according to claim 1 wherein information received by the
2 base station from the mobile station are dropped and the header information
3 is replaced with the specified bit pattern if a CRC for the frame received from
the mobile station fails.